

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1333	428/34.2	US-PGPUB; USPAT	AND	ON	2011/05/09 16:55
L2	5632	428/35.7	US-PGPUB; USPAT	AND	ON	2011/05/09 16:55
L3	3240	503/227	US-PGPUB; USPAT	AND	ON	2011/05/09 16:55
L4	730	428/513	US-PGPUB; USPAT	AND	ON	2011/05/09 16:55
L5	1600	428/511	US-PGPUB; USPAT	AND	ON	2011/05/09 16:55
L6	11630	L1 or L2 or L3 or L4 or L5	US-PGPUB; USPAT	AND	ON	2011/05/09 16:55
L7	87615	imine or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/05/09 16:55
L8	659	L6 and L7	US-PGPUB; USPAT	AND	ON	2011/05/09 16:55
L9	949340	paper	US-PGPUB; USPAT	AND	ON	2011/05/09 16:55
L10	556	L8 and L9	US-PGPUB; USPAT	AND	ON	2011/05/09 16:55
L11	15970	ethylene adj vinyl adj alcohol	US-PGPUB; USPAT	AND	ON	2011/05/09 16:56
L12	1124	saponified adj ethylene adj vinyl adj acetate	US-PGPUB; USPAT	AND	ON	2011/05/09 16:56
L13	19313	L11 or L12 or evoh	US-PGPUB; USPAT	AND	ON	2011/05/09 16:56
L14	43	L10 and L13	US-PGPUB; USPAT	AND	ON	2011/05/09 16:56
S1	1	("5059459").PN.	US-PGPUB; USPAT	AND	ON	2007/12/27 10:35

S2	50	(("4806398") or ("6329465") or ("6576304") or ("6855387") or ("20010051239") or ("20030148124") or ("20040051198") or ("20060051537") or ("5603996") or ("5981011") or ("6193831") or ("4970041") or ("5935664") or ("6114102") or ("6270950") or ("6291150") or ("6310163") or ("6447976") or ("6872459") or ("20020150704") or ("20030082369") or ("20030082387") or ("20030211348") or ("20040058602") or ("20070148484") or ("6096684") or ("6383983") or ("4469771") or ("4551366") or ("5240767") or ("5260127") or ("5374508") or ("5567572") or ("5593940") or ("4272569") or ("4293629") or ("4304626") or ("4341839") or ("4389438") or ("4533576") or ("4771937") or ("4780357") or ("4876129") or ("5006378") or ("5227255") or ("5318839") or ("5433982") or ("5695839") or ("5725958") or ("5856017") or (").pn.")). PN.	US-PGPUB; USPAT	OR	OFF	2007/12/27 11:02
S3	1066	428/34.2	US-PGPUB; USPAT	AND	ON	2007/12/27 11:03
S4	4211	428/35.7	US-PGPUB; USPAT	AND	ON	2007/12/27 11:03

S5	2933	503/227	US-PGPUB; USPAT	AND	ON	2007/12/27 11:03
S6	684	428/513	US-PGPUB; USPAT	AND	ON	2007/12/27 11:04
S7	1475	428/511	US-PGPUB; USPAT	AND	ON	2007/12/27 11:04
S8	9571	S3 or S4 or S5 or S6 or S7	US-PGPUB; USPAT	AND	ON	2007/12/27 11:04
S9	274	S8 and imine	US-PGPUB; USPAT	AND	ON	2007/12/27 11:21
S10	118	S9 and barrier	US-PGPUB; USPAT	AND	ON	2007/12/27 11:21
S11	1	("5075153").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/27 11:25
S12	1	("20040200993").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/31 09:05
S13	1	("6649679").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/31 09:27
S14	1	("6005035").PN.	US-PGPUB; USPAT	OR	OFF	2007/12/31 09:28
S15	87310	paper and barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:52
S16	60002	imine or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:52
S17	3274	S15 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:53
S18	17067	S16 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:53
S19	11186	S18 and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:54
S20	3251	S19 and thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:54
S21	2016	S20 and adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:55

S22	367354	extrusion or coextrusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:55
S23	1086	S21 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:55
S24	1026	S23 and vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:56
S25	460826	olefin or polyolefin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:57
S26	878	S24 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 15:58
S27	6545	polyethylene adj imine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:10
S28	29497	S18 or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:11
S29	17067	S28 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:11
S30	11186	S29 and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:11
S31	3251	S30 and thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:11
S32	2016	S31 and adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:11
S33	1086	S32 and S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:11
S34	105312	ethylene adj vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:12

S35	68867	ethylene\$vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:12
S36	108436	S34 or S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:12
S37	563	S33 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/31 16:12
S38	60026	imine or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S39	17076	S38 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S40	367410	extrusion or coextrusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S41	29510	S39 or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S42	17076	S41 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S43	11191	S42 and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S44	3251	S43 and thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S45	2016	S44 and adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S46	1086	S45 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S47	105336	ethylene adj vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22

S48	68882	ethylene\$vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S49	108461	S47 or S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S50	563	S46 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S51	449	S50 and maleic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 09:22
S52	1	("7285334").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/02 10:36
S53	21360	Graft adj polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:37
S54	60026	imine or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S55	17076	S54 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S56	367410	extrusion or coextrusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S57	29510	S55 or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S58	17076	S57 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S59	11191	S58 and resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S60	3251	S59 and thermoplastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38

S61	2016	S60 and adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S62	1086	S61 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S63	105336	ethylene adj vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S64	68882	ethylene\$vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S65	108461	S63 or S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S66	563	S62 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S67	28	S53 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 15:38
S68	4009	saponify	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 16:35
S69	0	S68 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 16:35
S70	104346	sapon\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 16:36
S71	132	S66 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 16:36
S72	31	S71 and EVOH	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/01/02 16:40
S73	10625	die near temperature	US-PGPUB; USPAT	AND	ON	2008/01/03 11:00
S74	137401	paper and container	US-PGPUB; USPAT	AND	ON	2008/01/03 11:01

S75	861	S73 and S74	US-PGPUB; USPAT	AND	ON	2008/01/03 11:01
S76	22098	coextrusion or co \$extrusion	US-PGPUB; USPAT	AND	ON	2008/01/03 11:01
S77	22679	S75 or S76	US-PGPUB; USPAT	AND	ON	2008/01/03 11:01
S78	280	S75 and S76	US-PGPUB; USPAT	AND	ON	2008/01/03 11:01
S79	45	ac108 or (ac adj "108")	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/10/03 15:32
S80	1	polyethyleneimine and S79	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2008/10/03 15:33
S81	1	"10537226"	US-PGPUB; USPAT	AND	ON	2008/10/06 10:19
S82	1108	428/34.2	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S83	4471	428/35.7	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S84	3007	503/227	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S85	688	428/513	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S86	1495	428/511	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S87	9952	S82 or S83 or S84 or S85 or S86	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S88	9952	S87	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S89	82810	paper and barrier	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S90	88764	adhesive adj layer	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S91	68036	imine or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/10/06 15:59
S92	631	S89 and S90 and S91	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S93	72	maleic adj anyhdride	US-PGPUB; USPAT	AND	ON	2008/10/06 15:59
S94	84327	maleic adj anhydride	US-PGPUB; USPAT	AND	ON	2008/10/06 16:00
S95	84335	S94 or S93	US-PGPUB; USPAT	AND	ON	2008/10/06 16:00
S96	270	S95 and S92	US-PGPUB; USPAT	AND	ON	2008/10/06 16:00



S97	1163	428/34.2	US-PGPUB; USPAT	AND	ON	2009/07/15 14:17
S98	4758	428/35.7	US-PGPUB; USPAT	AND	ON	2009/07/15 14:17
S99	3073	503/227	US-PGPUB; USPAT	AND	ON	2009/07/15 14:17
S100	695	428/513	US-PGPUB; USPAT	AND	ON	2009/07/15 14:17
S101	1520	428/511	US-PGPUB; USPAT	AND	ON	2009/07/15 14:17
S102	10369	S97 or S98 or S99 or S100 or S101	US-PGPUB; USPAT	AND	ON	2009/07/15 14:17
S103	73537	imine or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:17
S104	599	S102 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:17
S105	511	S104 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:17
S106	20252	S103 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:17
S107	1838	S103 same adhesive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:17
S108	884	S107 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:17
S109	124	S108 and (beverage or soda)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:17
S110	127586	ethylene adj vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:20
S111	80429	ethylene\$vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:20

S112	131479	S110 or S111	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:20
S113	37056	S112 same alcohol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:20
S114	78	S112 and S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:21
S115	61	S113 and S109	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/07/15 14:21
S116	1224	428/34.2	US-PGPUB; USPAT	AND	ON	2010/04/02 13:51
S117	5050	428/35.7	US-PGPUB; USPAT	AND	ON	2010/04/02 13:51
S118	3118	503/227	US-PGPUB; USPAT	AND	ON	2010/04/02 13:51
S119	705	428/513	US-PGPUB; USPAT	AND	ON	2010/04/02 13:51
S120	1550	428/511	US-PGPUB; USPAT	AND	ON	2010/04/02 13:51
S121	10787	S116 or S117 or S118 or S119 or S120	US-PGPUB; USPAT	AND	ON	2010/04/02 13:51
S122	306	S121 and imine	US-PGPUB; USPAT	AND	ON	2010/04/02 13:51
S123	130	S122 and barrier	US-PGPUB; USPAT	AND	ON	2010/04/02 13:51
S124	110	S123 and paper	US-PGPUB; USPAT	AND	ON	2010/04/02 13:51
S125	425023	extrusion or coextrusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/04/02 15:12
S126	49	S124 and S125	US-PGPUB; USPAT	AND	ON	2010/04/02 15:12
S127	1288	428/34.2	US-PGPUB; USPAT	AND	ON	2010/11/05 13:26
S128	5367	428/35.7	US-PGPUB; USPAT	AND	ON	2010/11/05 13:26
S129	3184	503/227	US-PGPUB; USPAT	AND	ON	2010/11/05 13:26
S130	719	428/513	US-PGPUB; USPAT	AND	ON	2010/11/05 13:26
S131	1583	428/511	US-PGPUB; USPAT	AND	ON	2010/11/05 13:26

S132	11256	S127 or S128 or S129 or S130 or S131	US-PGPUB; USPAT	AND	ON	2010/11/05 13:26
S133	83566	imine or polyethyleneimine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/11/05 13:26
S134	635	S132 and S133	US-PGPUB; USPAT	AND	ON	2010/11/05 13:26
S135	911372	paper	US-PGPUB; USPAT	AND	ON	2010/11/05 13:27
S136	113763	drink or beverage	US-PGPUB; USPAT	AND	ON	2010/11/05 13:27
S137	0	S134 and S135 and S136	US-PGPUB; USPAT	AND	ON	2010/11/05 13:27
S138	37	S134 and S135 and S136	US-PGPUB; USPAT	AND	ON	2010/11/05 13:27
S139	141538	ethylene adj vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/11/05 13:27
S140	88237	ethylene\$vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/11/05 13:27
S141	145949	S139 or S140	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/11/05 13:27
S142	29003	S141 same alcohol	US-PGPUB; USPAT	AND	ON	2010/11/05 13:27
S143	22	S138 and S142	US-PGPUB; USPAT	AND	ON	2010/11/05 13:27
S144	1	"10537226"	US-PGPUB; USPAT	AND	ON	2011/05/09 13:57

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